Work Orde July-23-13 12:5		14988		*104	1988*					Marine (Page 1
Revision ID:	D4018-5	-	A	Accept	*N900	040	100)* s	Setup Star Stop	iVi	S1*
	Rib 7/23/13 7/23/13	Start Qty: 12.00 Req'd Qty: 12.00	*17*(TO TO	Cust Item ID: Customer:					IX	S2*
Approvals:	Process Pl	an: MUJ	Date: 13-07-25	Tooling:	Da	ıte:		r		171	R1*
	QC:		Date:	SPC (Y/N):	Da	ite:			Stop	` *N	R2*
Sequence ID/ Work Center II)	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Re	vision Nbr									
D4018	С						, <u></u>				
100				0.00					44.		
100 Large Fab			as per dwg D4018 d remove identification mark	0.00 ings			(2 <u>7×)</u>	CC 1:	3 <u>-11- 1</u>	<u>//</u>
110		QC6- Inspect dimension	ns to drawing	0.00							
110 QC Quality Control	÷	Memo		0.00	/ 13·[1·1[
120		Identify as per dwg & S	tock Location: 1	0.00			6	7) 11	/> /	, ,,	
120 Packaging Packaging		Memo	009	0.00			(27	y CC	<u> 13-11</u>	-//	

											DQA.	Dat	e.				
NCR: Y	'es	/ No				WORK ORDER NON-O	100	NFORM	MANCE / UPDATE		QA Closed:	 Dat	:e:				
Work Orde	or.					DISPOSITION			AGAINST DEPARTMENT/PROCESS								
Part No				Scrap Machir Use-as-is Thermoform			Machining Sma	stube II Fab shing oosite	Prod. Eng. Coor. Rec/Store/Packaging			Engineering Quality Other					
Root					Descri	ption of work order update		Initial	Action		Sign &		П				
Cause		Date	Step	Qty	. (or Non-conformance	Ct	nief Eng	Description		Date	Verification	1	QC Inspector			
Doc/Data									•								
Equip/Tooling																	
Operator																	
Material																	
Setup												Ì					
Other													1				
Process			1														
Supplier																	
Training												:					
Unapproved							L					<u> </u>					
						F	AUI	LT CATE	GORY								
Landi	ng G	Gear				General		_			-						
		Bending			_	Bend		Grain		<u> </u>	Ovalized			Pressure/Forced			
		Centre N	ot Conce	ntric to	o/s	BOM/Route		Hardware			Over/Under	tolerance	-	Temperature/Cure			
]		Cracks			L	Broken/Damaged	L	Inspection Incomplete			Part Incorrect			Weld			
		Crushed/	Crimped			Burrs		Instruct	ions Incomplete/Unclear		Part Lost/Missing			Wrong Stock Pulled			

Maintenance

Out of Calibration

Out of Sequence

Outside Dimensions

Mislabeled

Misread

Offset

Part Moved

Positioned Wrong

Power Loss/Surge

Other

Contamination

Countersink

Cut Too Short Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Cuffs

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

130

QC

13()

Quality Control

MB-1111 MF 13-11-11

Insp.

Page 2

NCR: Y	NCR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE QA Closed: Date:													
Work Order:						DISPOSITION		clid to be [AGAINST DE	PARTMENT,	/PROCESS Water Jet		·	
Part No						Rework Skid-tube Crosstube Machining Small Fab Use-as-is Thermoforming Finishing Composite			⊣	d. Eng. Coor. re/Packaging Supplier		Engineering Quality Other		
Root					Descri	ption of work order update		Initial	Acti	on	Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	nief Eng	Descri	ption	Date	Verification	n	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved							A111	LT CATE	CORV					
Landi	ng (General	701	LI CAIL	JONT		<u> </u>			
	Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion			Tube	Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread Offset Out of Calibration			Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V Power Loss/	ct issing Vrong	Te Wi	essure/Forced mperature/Cure eld rong Stock Pulled her	
1		prorque v	vaves in t	extrusio	n L_	Drawing	1	Jour of C	Lanpration					

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

Folio

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Page 1

Work Order ID:

104988

Parent Item:

D4018-5

Parent Item Name:

Rib

Start Date: 7/23/13

Required Date: 7/23/13

Start Qty: 12.00

Required Qty: 12.00

Comments:

IPP RevA: new issue DD 09.11.26 verified by:EC

IPP Rev:B as per dwg revA 10.03.15

y:EC IPP Rev:C as per dwg RevB DD 10.04.16 verified by:EC

П

Rev:D as per dwg revC DD 10.08.18 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.500W.049 Square Tubing		Purchased	No			100	f	1,437.5700	0.5558	7.0206316	CC	13-11-	//

Location		Loc Qty	Loc Code	
WA006		1437.570027	3/258/-	
	118460	0.00001534		
	122938	0.266142	3/26581	+5.795(16,)
	123565	68.605816		
	125062	556.78		<u></u>
	125502	246.32156		
	M126080	565.596494		

									DQA:	Date:	:
NCR: Y	es / No				WORK ORDER NON-C	ONFORM					
	4								QA Closed:	Date:	
Work Orde	r·				DISPOSITION			AGAINST DE	PARTMENT,	/PROCESS	
Work Orac	'				Rework		Skid-tube	Crosstube		Water Jet	Engineering
Part N	o			:	Scrap		Machining	Small Fab		d. Eng. Coor.	Quality
					Use-as-is		noforming	Finishing	Rec/Sto	re/Packaging	Other
NCR N	o		• •		Work Order Update		Large Fab	Composite		Supplier	لــا لـ
Root				Descri	ption of work order update	Initial	Act	tion	Sign &		
Cause	Date	Step	Qty	(or Non-conformance	Chief Eng	Descr	ription	Date	Verification	QC Inspector
Doc/Data									:		
Equip/Tooling											
Operator	_	l									
Material		1									
Setup		ļ									
Other		İ									
Process		ł									
Supplier											
Training		1									
Unapproved		<u> </u>									
					F	AULT CATE	GORY				
Landir	ng Gear				General				7		_
	Bending				Bend	Grain			Ovalized		Pressure/Forced
	Centre N	ot Conce	ntric to	o/s	BOM/Route	Hardwa	ire		Over/Under	tolerance	Temperature/Cure
	Cracks	Cracks Broken/Damaged					ion Incomplete		Part Incorre	ct	Weld
	Crushed/	'Crimped			Burrs	Instruct	ions Incomplete/l	Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs				Contamination	Mainte	enance		Part Moved		
	Heat Tre	at			Countersink	Mislabe	eled		Positioned V	Vrong	_
	Inspection	n Strip in	Tube		Cut Too Short	Misread	d		Power Loss/	Surge	Other
	Ripples in Bend Drill Holes					Offset				-	

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G







